

Option - 1 Pinewood Model

Program Analysis

School Program Mixed Program
BNU & CMS Partnership

Number Of Courses Per Year	3	13	16	21	21	
	Year 1	Year 2	Year 3	Year 4	Year 5	
Student Numbers	29	221	526	779	929	
Total Contact Hours Demand	897	5,877	12,407	16,043	17,475	
Nominal Academic FTE	1.6	10.7	22.6	29.2	31.8	
SSR	18	21	23	27	29	
Income	362,500	2,375,750	5,549,563	7,944,750	9,357,250	25,589,813
- Tuition Fees	362,500	2,375,750	5,549,563	7,944,750	9,357,250	25,589,813

Expenditure	579,392	2,158,624	4,438,409	5,981,918	6,841,103	19,799,446
- Academic Staff Costs	97,855	686,006	1,477,200	1,948,311	2,164,662	6,374,033
- Technical Resource Allocation	30,411	186,301	349,847	445,096	495,037	1,506,692
- Academic Management Allocation	3,407	25,952	61,278	90,582	108,774	289,994
- Academic Expense Allocation	5,104	38,878	91,796	135,695	162,946	434,419
- Academic DEPN Allocation	2,279	17,368	41,318	61,221	73,009	195,195
- Academic Real Estate Allocation	5,636	42,953	102,184	151,405	180,558	482,736
- BNU Shared Service Allocation	99,700	746,965	1,726,637	2,510,808	2,987,317	8,071,427
- University Lease Cost	35,000	70,000	70,000	70,000	70,000	315,000
- CMS Pinewood Lease Cost	100,000	200,000	200,000	200,000	200,000	900,000
- Transport		50,000	100,000	100,000	100,000	350,000
- Project Manager Cost			63,000	63,000	63,000	189,000
- Bucks Bursaries/Support (OFFA WP Access 10% @ 2,000)	0	44,200	105,150	155,800	185,800	490,950
- Miscellaneous		50,000	50,000	50,000	50,000	200,000
- Legal Cost	30,000					
- Contingency	170,000					

Margin	(216,892)	217,126	1,111,154	1,962,832	2,516,147	5,790,367
Contribution	-59.8%	9.1%	20.0%	24.7%	26.9%	22.6%

Year	0	1	2	3	4	5	
Discount Factor(3.5%)	1	0.9662	0.9335	0.9019	0.8714	0.842	
Cashflow	-3,357,000.00	-216,892.37	217,126.25	1,111,153.67	1,962,832.39	2,516,146.99	
NPSV 100%	1,467,283.36	-3,357,000.00	-209,561.40	202,687.36	1,002,149.50	1,710,412.14	2,118,595.76
Internal Rate of Return (IRR)						9%	
Benefit Cost Ratios (BCR) Total (BNU + LEP) Investment						1.44	
Benefit Cost Ratios (BCR) LEP Investment Only						2.93	
NPSV 95%	732,767.18	-3,357,000.00	-209,561.40	140,238.53	843,366.21	1,460,931.61	1,854,792.24
Internal Rate of Return (IRR)						5%	
Benefit Cost Ratios (BCR) Total (BNU + LEP) Investment						1.22	
Benefit Cost Ratios (BCR) LEP Investment Only						2.49	
NPSV 90%	174,348.02	-3,357,000.00	-209,561.40	78,067.56	717,258.99	1,297,153.91	1,648,428.96
Internal Rate of Return (IRR)						1%	
Benefit Cost Ratios (BCR) Total (BNU + LEP) Investment						1.05	
Benefit Cost Ratios (BCR) LEP Investment Only						2.15	
NPSV 85%	-570,903.46	-3,357,000.00	-209,561.40	16,180.08	560,535.66	1,079,772.01	1,339,170.20
Internal Rate of Return (IRR)						-4%	
Benefit Cost Ratios (BCR) Total (BNU + LEP) Investment						0.83	
Benefit Cost Ratios (BCR) LEP Investment Only						1.69	

Year	0	1	2	3	4	5	
Option A (E)							
Cost		-3,357,000					
Cash Flow			-216,892	217,126	1,111,154	1,962,832	2,516,147
Net Cash Flow			-216,892	217,126	1,111,154	1,962,832	2,516,147
Discount Factor (3.5%)		1	0.9662	0.9335	0.9019	0.8714	0.842
Discounted Cash Flow			-209,561	202,687	1,002,149	1,710,412	2,118,596

Net Present Social Value 1,467,283
Internal Rate of Return (IRR) 9%

Benefit Cost Ratios (BCR) Total (BNU + LEP) Investment 1.44
Benefit Cost Ratios (BCR) LEP Investment Only 2.93